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**Part Number:** [0878721111](#)  
**Status:** **Planned for Obsolescence**  
**Overview:** [kk](#)  
**Description:** 1.25mm (.049") Pitch Board-to-Board Header, Through Hole, Friction Lock, with Kinked PC Tails, 11 Circuits, Tin (Sn) Overall, Tube Packaging, Lead-free

**Documents:**

[3D Model](#) [Product Specification PS-87871-006 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

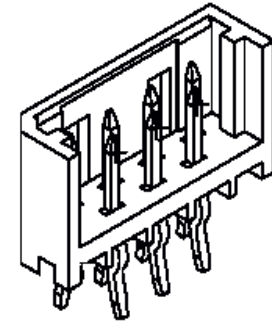
Product Family	PCB Headers
Series	<a href="#">87872</a>
Application	Board-to-Board, Signal
Comments	ZIGZAG
Overview	<a href="#">kk</a>
Product Name	N/A

**Physical**

Breakaway	No
Circuits (Loaded)	11
Circuits (maximum)	11
Color - Resin	Natural
Durability (mating cycles max)	10
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Mated Height	6.95mm (.274")
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.50mm (.138")
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm (.063")
Packaging Type	Tube
Pitch - Mating Interface	1.25mm (.049")
Plating min - Mating	3.048µm (120µ")
Plating min - Termination	3.048µm (120µ")
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole - Kinked Pin

**Electrical**

Current - Maximum per Contact	2A
Voltage - Maximum	125V



*Series  
image - Reference only*

**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Low-Halogen Status**  
**Not Low-Halogen**

**China RoHS**



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Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[87872Series](#)

**Mates With**

[878712215 Board-to-Board Receptacle](#)

**Material Info**

**Reference - Drawing Numbers**

Product Specification

PS-87871-006

Sales Drawing

SD-87872-001

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